

第 23 回工学院特別セミナー 兼 電気電子系科学技術懇話会
The 23rd School of Engineering, Distinguished Seminar and
EE Forum on Science and Technology

“A Promising Future for Semiconductor Memory Markets”



Dr. Linda Somerville

**Corporate Vice President,
Mask and Materials Characterization,
Micron Technology, Inc.**



日時：2022年2月17日(木) 9:00~10:00

Time: 9:00-10:00, Thursday, February 17th, 2022

場所：Zoom

Place: Zoom

対象：本学の学生、教職員

Available for **ALL STUDENTS** & faculties/staffs

Abstract: Demand for semiconductor memory and storage continues to explode, extending from the data center to the intelligent edge and to a growing diversity of user devices. Memory and storage revenue has outpaced the rest of the semiconductor industry over the last two decades, and we expect this trend to continue for years to come, thanks to artificial intelligence (AI), 5G and electric vehicle (EV) adoption. The speaker will focus on the opportunities in three areas from the perspective of Micron Technology, Inc.: 1) Data Center, 2) PC & Graphics, and 3) Mobile & Intelligent Edge. In addition, she will talk about her professional journey in the memory industry and some lessons learned along the way.

Biography: Dr. Somerville joined Micron in 1995 and has held a variety of increasingly responsible positions. In her current role, she leads a large global team within the Technology Development department. Her responsibilities include photomask technology design and fabrication, materials characterization, environmental health and process safety, university outreach, and data security. This work supports process technology development for Micron’s entire portfolio of DRAM, NAND and emerging memory solutions.

Dr. Somerville earned a bachelor’s degree in chemistry from Utah State University and a Ph.D. in inorganic/organometallic chemistry from Northeastern University in Boston. Before starting her career in the semiconductor industry, Dr. Somerville worked as a postdoctoral fellow at Harvard University. Today she serves on the Micron Foundation Board and the Boise State University College of Engineering Industrial Advisory Board.

For your registration, please find the following URL with QR code of

<https://us06web.zoom.us/meeting/register/tZIkfuyurTsqGtNZ5p4d9Gau3qRZGzE8S4Q1>.

若林整・工学院・電気電子系、Hitoshi Wakabayashi, EE, School of Engineering

(wakabayashi.h.ab@m.titech.ac.jp)

